/\*  
  
package org.example.astra.domain;  
  
import org.hibernate.validator.constraints.Length;  
  
import javax.persistence.\*;  
import javax.validation.constraints.NotBlank;  
import java.sql.Time;  
  
  
@Entity  
@Table(name = "personal\_messages")  
public class PersonalMessage {  
  
  
 @Id  
 @GeneratedValue(strategy = GenerationType.AUTO)  
 private Long id;  
  
 @NotBlank(message = "Сперва введите сообщение:")  
 @Length(max = 2048, message = "Сообщение слишком длинное")  
 private String text;  
  
 private String datetime;  
  
  
 @ManyToOne(fetch = FetchType.EAGER) //здесь мы указываем, что многие сообщения могут соответствовать одному автору.  
 // получая сообщение, сразу подтягиваем информацию об авторе  
 @JoinColumn(name = "user\_id")  
 private User author;  
  
 private String dialogname;  
  
 private String filename;  
  
 public PersonalMessage() {  
 }  
  
 public PersonalMessage(String text, User author) {  
 this.author = author;  
 this.text = text;  
 }  
  
 public Long getId() {  
 return id;  
 }  
  
 public void setId(Long id) {  
 this.id = id;  
 }  
  
 public String getText() {  
 return text;  
 }  
  
 public void setText(String text) {  
 this.text = text;  
 }  
  
 public User getAuthor() {  
 return author;  
 }  
  
 public void setAuthor(User author) {  
 this.author = author;  
 }  
  
 public String getDialogname() {  
 return dialogname;  
 }  
  
 public void setDialogname(String dialogname) {  
 this.dialogname = dialogname;  
 }  
  
 public String getFilename() {  
 return filename;  
 }  
  
 public void setFilename(String filename) {  
 this.filename = filename;  
 }  
  
 public String getDatetime() {  
 return datetime;  
 }  
  
 public void setDatetime(String datetime) {  
 this.datetime = datetime;  
 }  
}  
\*/

/\*  
  
package org.example.astra.service;  
  
  
import org.example.astra.domain.PersonalMessage;  
import org.example.astra.domain.User;  
import org.example.astra.repos.PersonalMessageRepo;  
import org.springframework.beans.factory.annotation.Autowired;  
import org.springframework.stereotype.Service;  
  
import java.text.SimpleDateFormat;  
import java.util.Date;  
import java.util.List;  
  
@Service  
public class PersonalMessageService {  
 @Autowired  
 PersonalMessageRepo personalMessageRepo;  
  
  
 public void sendMessage(User userFrom, User userTo, PersonalMessage personalMessage){  
 if (userFrom.getId() < userTo.getId()){  
 personalMessage.setDialogname(userFrom.getId().toString()+"a"+userTo.getId().toString());  
 }  
 else {  
 personalMessage.setDialogname(userTo.getId().toString()+"a"+userFrom.getId().toString());  
 }  
  
 Date dateNow = new Date();  
 SimpleDateFormat formatForDateNow = new SimpleDateFormat("'Отправлено 'E yyyy.MM.dd ' в ' hh:mm:ss a zzz");  
  
 personalMessage.setDatetime(formatForDateNow.toString());  
  
  
 personalMessageRepo.save(personalMessage);  
 }  
  
 public List<PersonalMessage> getMessages(User userFrom, User userTo){  
  
 String currentDialogname;  
  
 if (userFrom.getId() < userTo.getId()){  
 currentDialogname = userFrom.getId().toString() + "a" + userTo.getId().toString();  
 }  
 else {  
 currentDialogname = userTo.getId().toString() + "a" + userFrom.getId().toString();  
 }  
  
  
  
 return personalMessageRepo.findByDialogname(currentDialogname);  
 }  
  
  
}  
 \*/

/\*  
  
package org.example.astra.controller;  
  
  
import org.example.astra.domain.User;  
import org.example.astra.repos.PersonalMessageRepo;  
import org.example.astra.repos.UserRepo;  
import org.example.astra.service.PersonalMessageService;  
import org.example.astra.service.UserService;  
import org.springframework.beans.factory.annotation.Autowired;  
import org.springframework.beans.factory.annotation.Value;  
import org.springframework.security.core.annotation.AuthenticationPrincipal;  
import org.springframework.stereotype.Controller;  
import org.springframework.ui.Model;  
import org.springframework.web.bind.annotation.GetMapping;  
import org.springframework.web.bind.annotation.PathVariable;  
import org.springframework.web.bind.annotation.RequestMapping;  
import org.springframework.web.bind.annotation.RequestParam;  
  
@Controller  
@RequestMapping("/dialogs")  
public class PersonalMessageController {  
  
 @Autowired  
 PersonalMessageRepo personalMessageRepo;  
 @Autowired  
 PersonalMessageService personalMessageService;  
 @Autowired  
 UserRepo userRepo;  
 @Autowired  
 UserService userService;  
 @Value("${upload.path}")  
 private String uploadPath;  
  
  
  
 @GetMapping  
 public String userList(Model model){  
 model.addAttribute("users", userService.findAll());  
 return "dialogList";  
 /\*здесь просто возвращаем список пользователей, которым можно написать сообщение  
 }  
  
 @GetMapping("{user}")  
 public String dialog(  
 @AuthenticationPrincipal User userFrom,  
 @PathVariable User user,  
 Model model){  
 model.addAttribute("messages", personalMessageService.getMessages(userFrom, user));  
  
 return "dialogPage";  
  
 }  
  
  
  
  
  
 \*/  
/\*  
}  
\*/

/\*  
package org.example.astra.repos;  
  
import org.example.astra.domain.PersonalMessage;  
import org.springframework.data.repository.CrudRepository;  
  
import java.util.List;  
  
public interface PersonalMessageRepo extends CrudRepository<PersonalMessage, Integer> {  
  
 List<PersonalMessage> findByDialogname(String text);  
}  
\*/